

1    **ABSTRACT OF THE DISCLOSURE**

2           A solar energy pulse charge device includes a solar-powered panel  
3    and a charging unit connected to the solar-powered panel for saving the  
4    energy from the solar-powered panel. A control unit is electrically connected  
5    to the charging unit for controlling the charging unit to charge or discharge. A  
6    flyback circuit is electrically connected to the charging unit for providing  
7    multiple independent power sources each having a unique reference potential.  
8    A feedback voltage regulator circuit is electrically connected to the flyback  
9    circuit for control the flyback circuit in a constant voltage and a cyclic start  
10   circuit.